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# FIG. 1

*Vacs of Life Study: Histamine binding protein  
Histamine Nasal Challenge  
Weight of Anterior Nasal Secretions (grams)*

Subject	Histamine (mg/ml)				
	0.5	1.0	2.0	4.0	8.0
PH					
Pre	0.023	0.022	0.294	0.456	---
Post	0.095	0.077	0.071	0.229	---
JW					
Pre	0.451	0.323	0.303	0.286	---
Post	0.060	0.060	0.238	0.133	0.328
KC					
Pre	0.454	0.378	0.374	0.579	0.175
Post	0.245	0.288	0.236	0.249	---

**FIG. 2**

# Vacs of Life Study: Histamine binding protein

## Histamine Nasal Challenge

### Nasal Airways Resistance (kPa/L/sec)

Subject	B	Histamine (mg/ml)						
		PVL	PS	0.5	1.0	2.0	4.0	8.0
PH								
Pre	0.193	----	0.181	0.203	0.498	0.461	0.543	----
Post	0.235	0.185	0.190	0.187	0.250	0.297	0.317	----
JW								
Pre	0.174	----	0.162	0.182	0.204	0.242	0.414	----
Post	0.131	0.172	0.223	0.228	0.254	0.287	0.444	0.538
KC								
Pre	0.190	----	0.184	0.211	0.245	0.314	0.321	0.960
Post	0.207	0.214	0.228	0.245	0.288	0.236	0.249	0.843

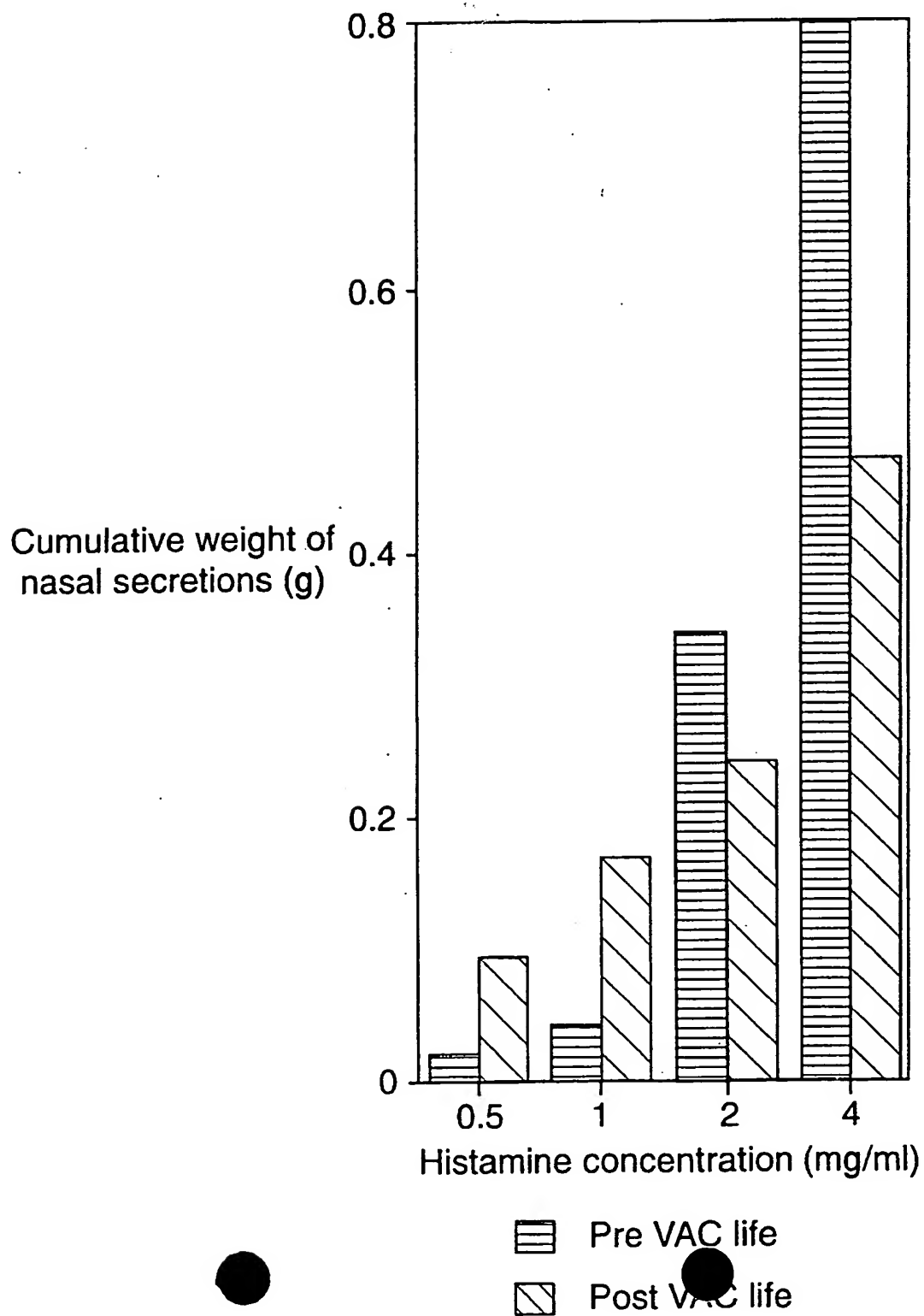
B = Baseline      PVL = post Vacs of Life      PS = Post saline

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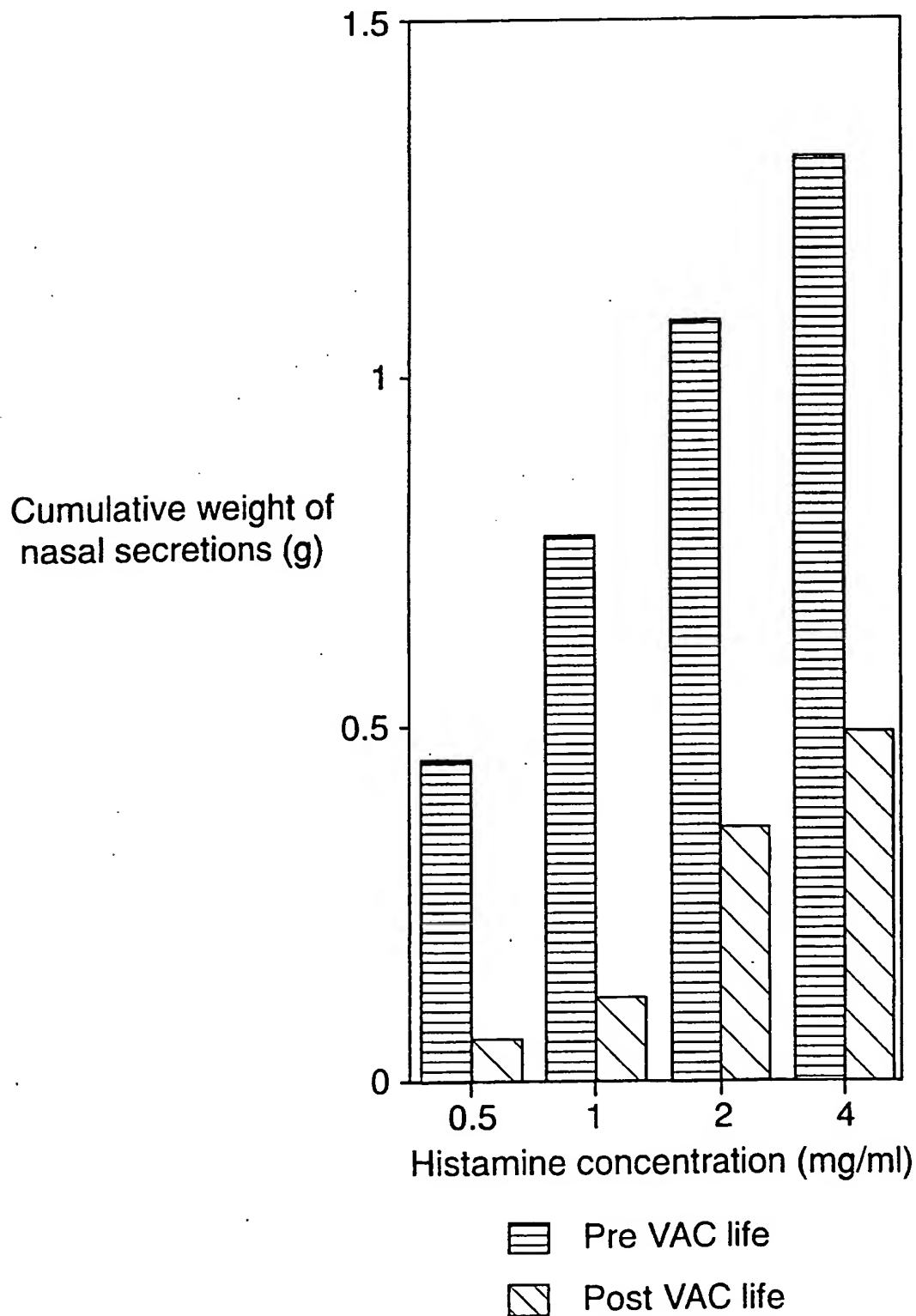
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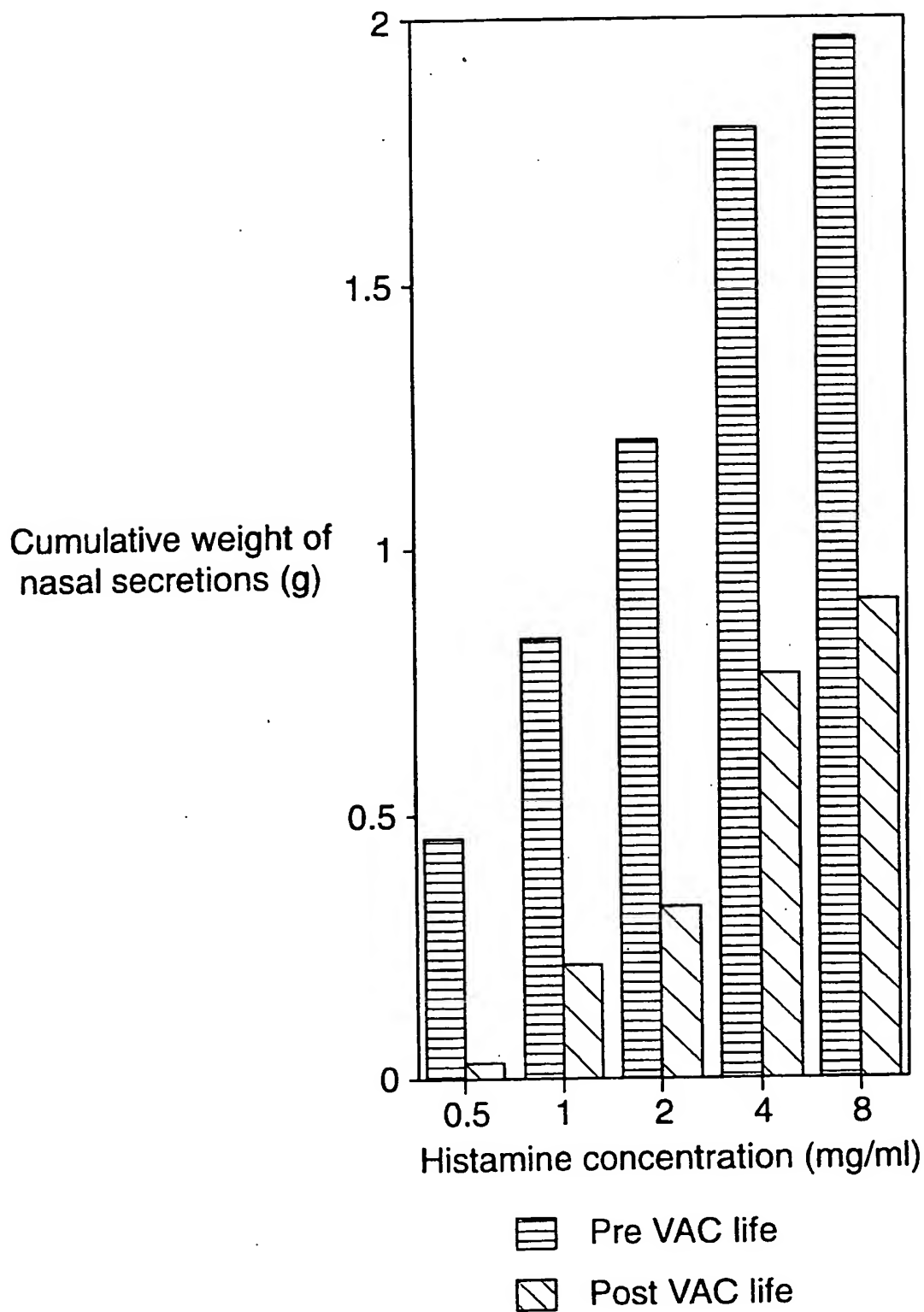
**FIG. 3a**  
*Nasal histamine challenge on subject PH*



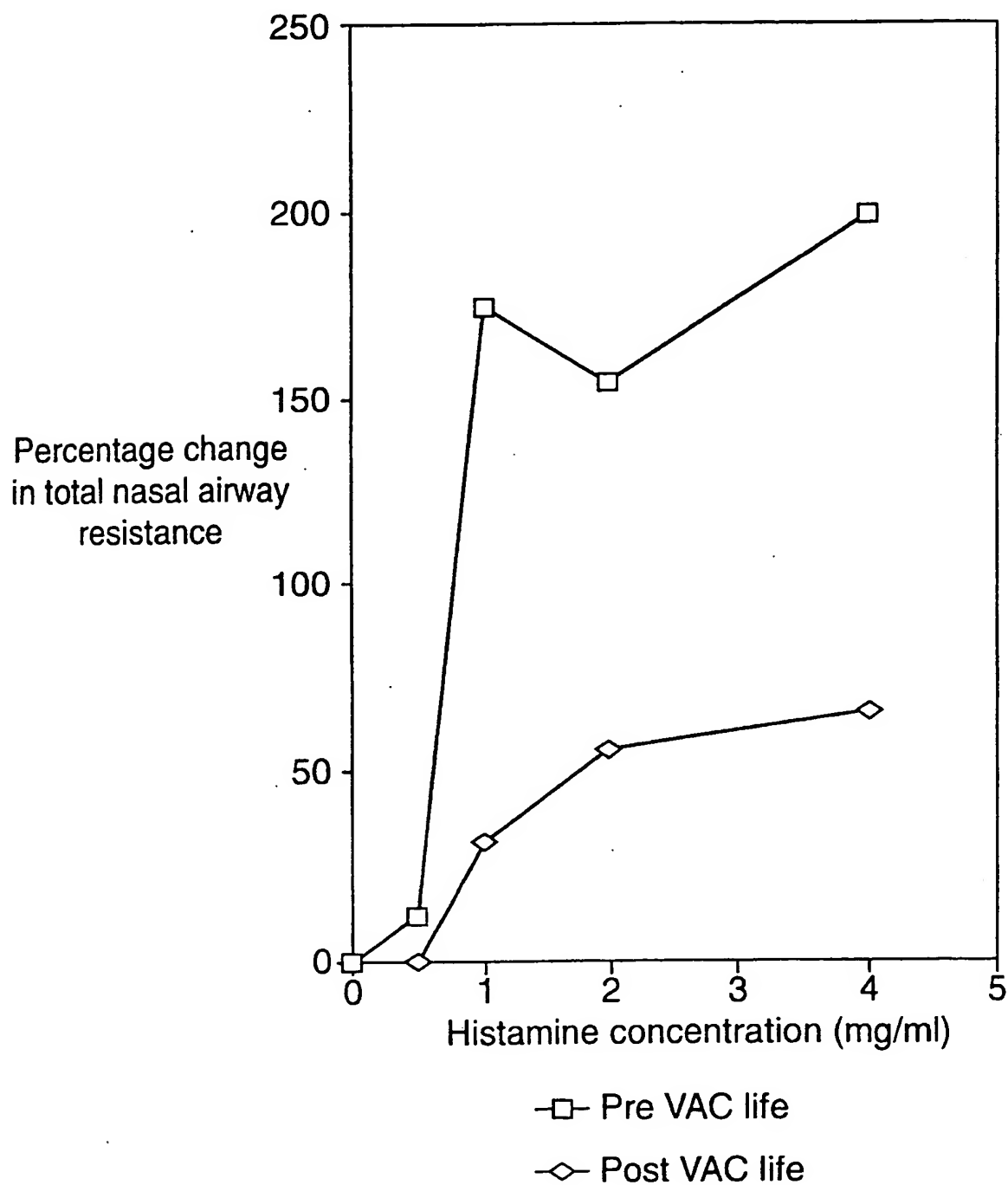
**FIG. 3b**  
*Nasal histamine challenge on subject JW*



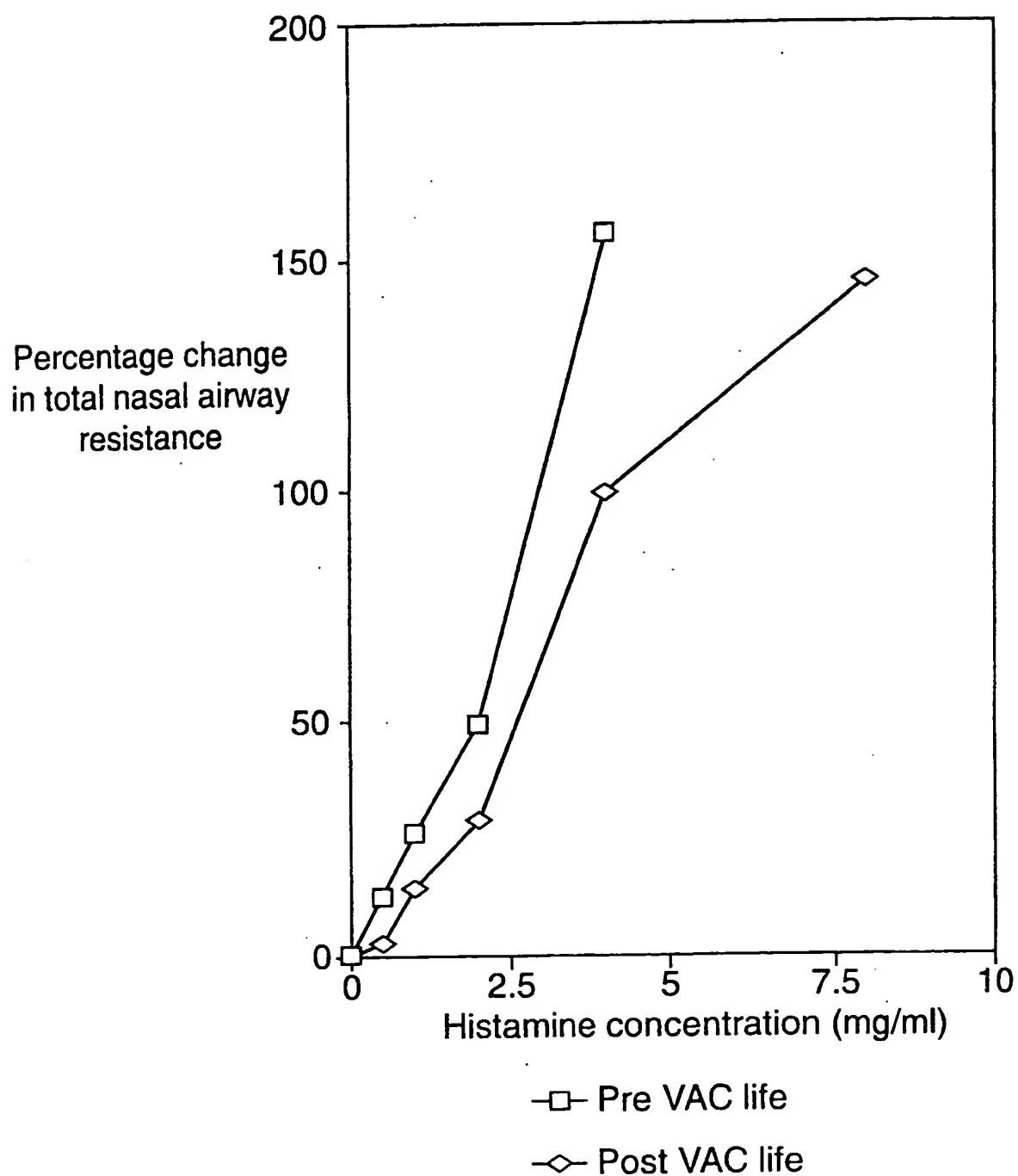
**FIG. 3c**  
*Nasal histamine challenge on subject KC*



**FIG. 4a**  
*Nasal histamine challenge on subject PH*



**FIG. 4b**  
*Nasal histamine challenge on subject JW*





**FIG. 4c**  
*Nasal histamine challenge on subject KC*

